

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071321\  
 Data File : BP006197.D  
 Acq On : 13 Jul 2021 12:55  
 Operator : CG/JU  
 Sample : PB137618BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB137618BL

Quant Time: Jul 13 14:47:06 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 12 14:59:51 2021  
 Response via : Initial Calibration

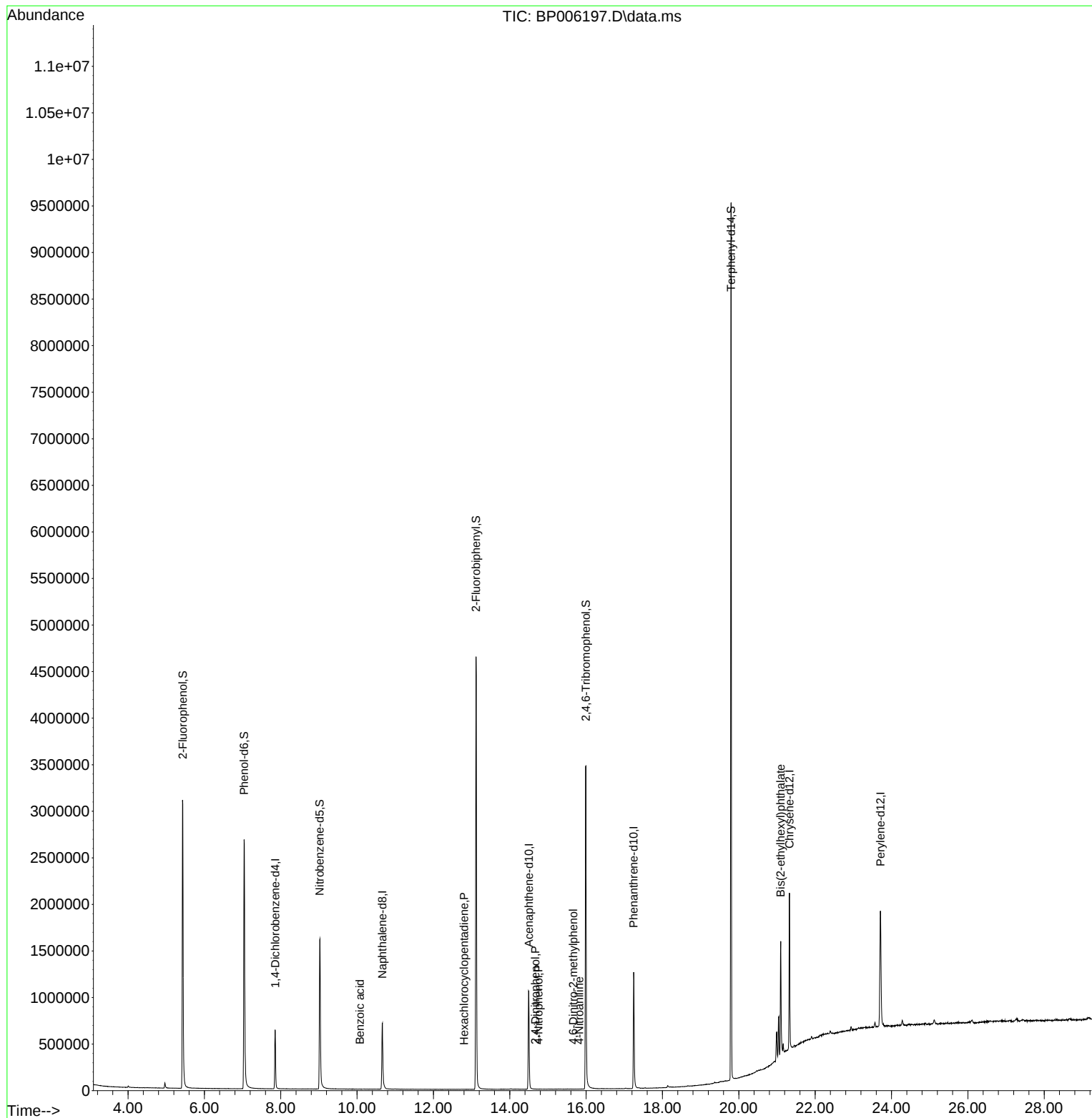
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.858  | 152  | 196276   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.663 | 136  | 770141   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.498 | 164  | 428432   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.245 | 188  | 847918   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.328 | 240  | 823624   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.710 | 264  | 999798   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 1664691  | 145.934 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.040  | 99   | 1950052  | 129.241 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.022  | 82   | 1081328  | 88.688  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.993 | 330  | 797750   | 156.398 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.116 | 172  | 2531595  | 87.355  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.798 | 244  | 4010038  | 95.994  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 32) Benzoic acid              | 10.075 | 122  | 40       | 6.907   | ng    | # 8      |
| 41) Hexachlorocyclopentadiene | 12.804 | 237  | 20       | 8.711   | ng    | 76       |
| 54) 2,4-Dinitrophenol         | 14.669 | 184  | 35       | 8.888   | ng    | # 52     |
| 56) 4-Nitrophenol             | 14.751 | 139  | 27       | 7.129   | ng    | 91       |
| 62) 4-Nitroaniline            | 15.822 | 138  | 39       | 2.964   | ng    | 90       |
| 65) 4,6-Dinitro-2-methylph... | 15.663 | 198  | 11       | 4.421   | ng    | # 1      |
| 84) Bis(2-ethylhexyl)phtha... | 21.098 | 149  | 584807   | 14.349  | ng    | # 54     |
| -----                         |        |      |          |         |       |          |

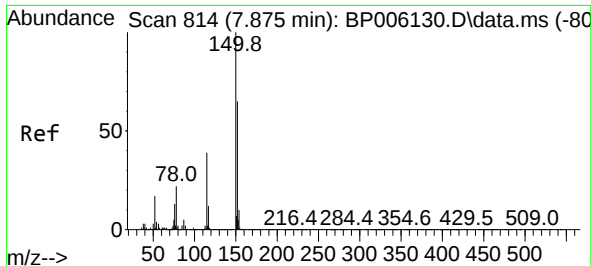
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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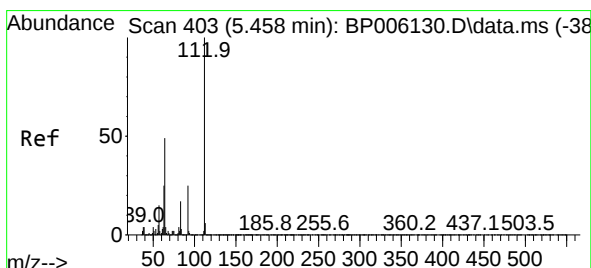
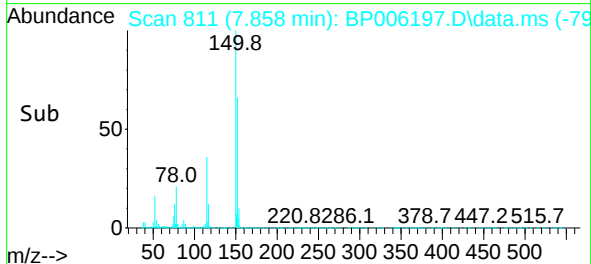
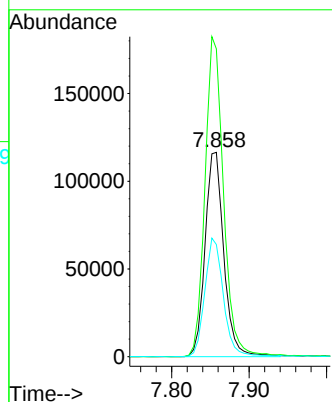
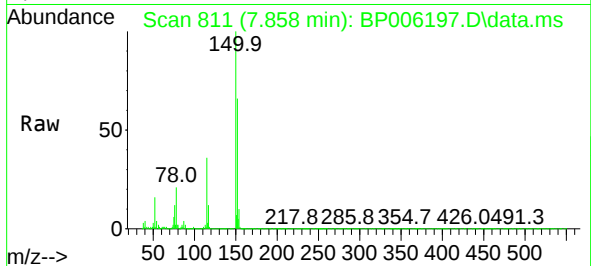




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.858 min Scan# 811  
Delta R.T. -0.005 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

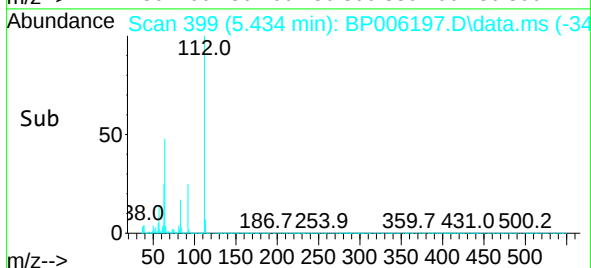
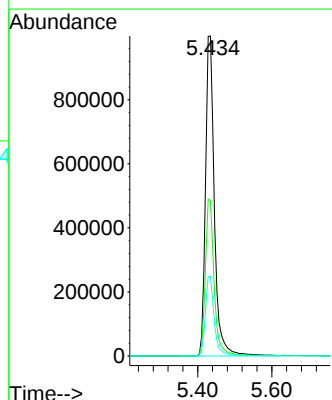
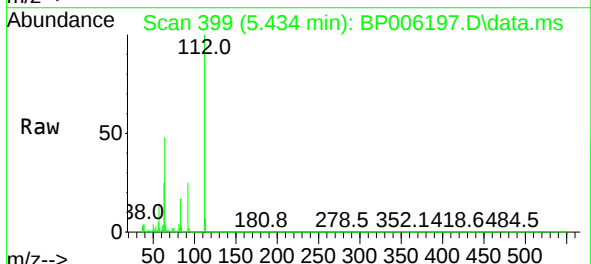
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ClientSampleId :  
PB137618BL

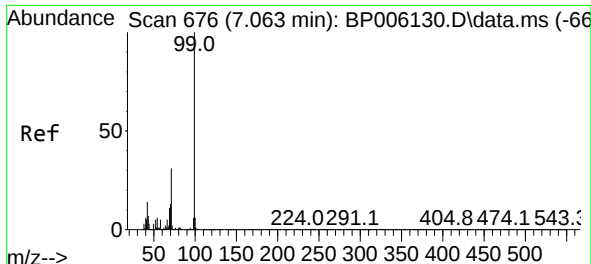
Tgt Ion:152 Resp: 196276  
Ion Ratio Lower Upper  
152 100  
150 150.7 125.6 188.4  
115 54.9 48.5 72.7



#5  
2-Fluorophenol  
Concen: 145.934 ng  
RT: 5.434 min Scan# 399  
Delta R.T. -0.005 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Tgt Ion:112 Resp: 1664691  
Ion Ratio Lower Upper  
112 100  
64 48.5 41.4 62.2  
63 24.9 23.8 35.8

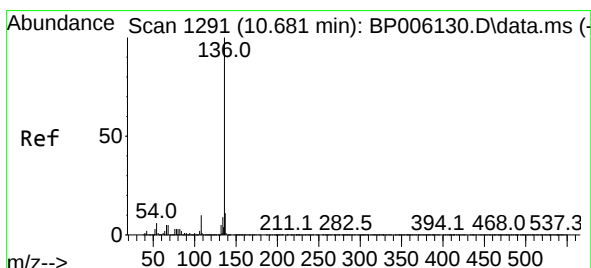
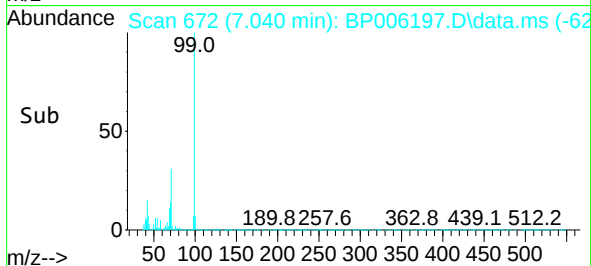
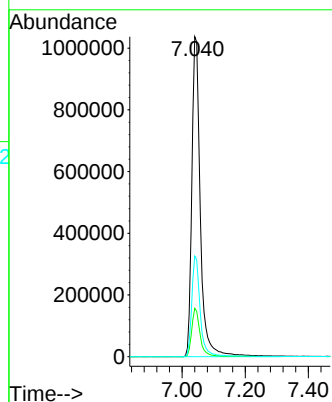
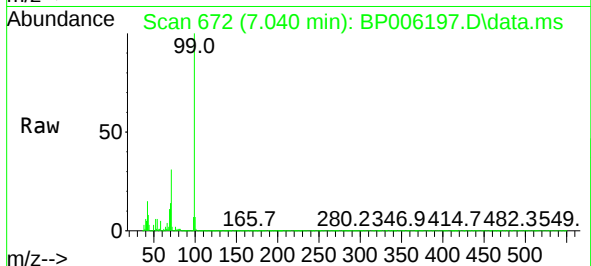




#7  
Phenol-d6  
Concen: 129.241 ng  
RT: 7.040 min Scan# 672  
Delta R.T. -0.005 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

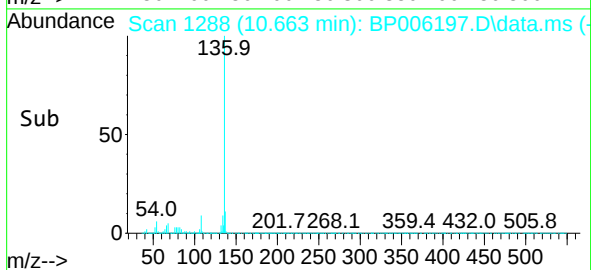
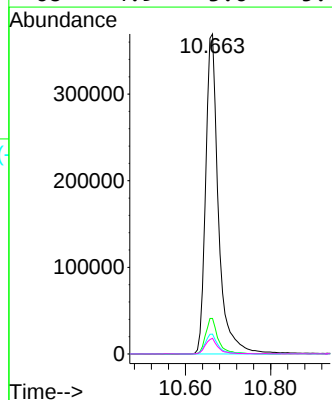
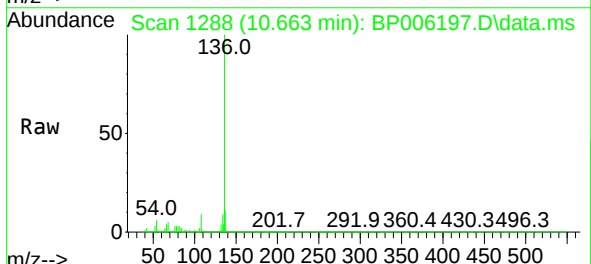
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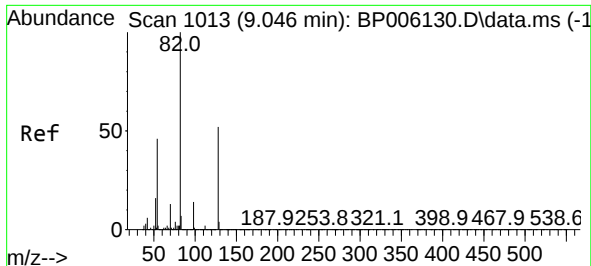
Tgt Ion: 99 Resp: 1950052  
Ion Ratio Lower Upper  
99 100  
42 15.1 13.4 20.0  
71 31.5 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.663 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Tgt Ion: 136 Resp: 770141  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 12.8  
54 6.2 4.6 6.8  
68 4.9 3.6 5.4

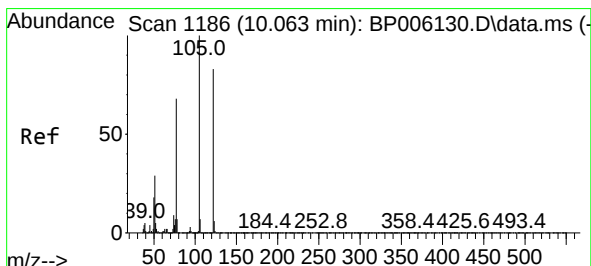
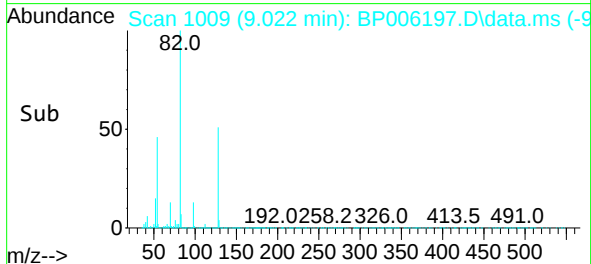
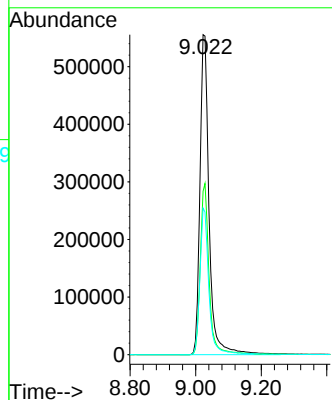
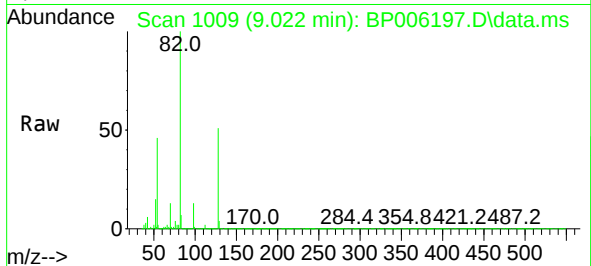




#23  
Nitrobenzene-d5  
Concen: 88.688 ng  
RT: 9.022 min Scan# 1009  
Delta R.T. -0.011 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

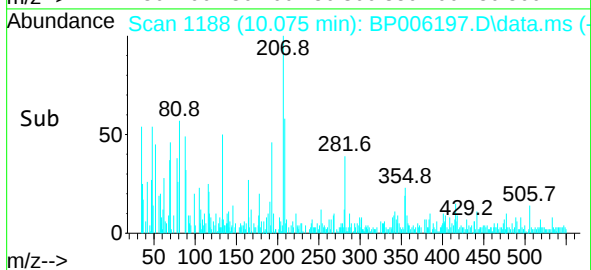
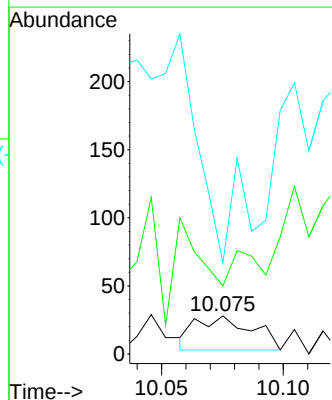
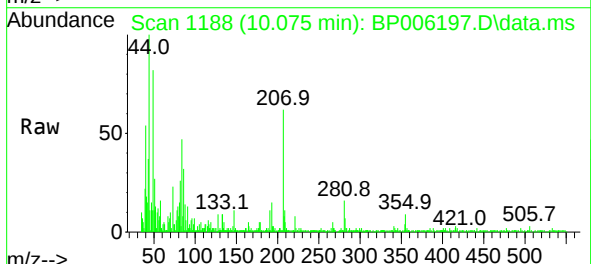
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ClientSampleId :  
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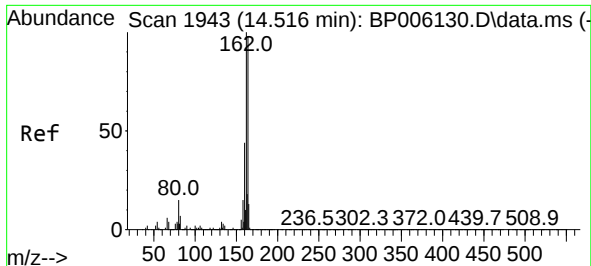
Tgt Ion: 82 Resp: 1081328  
Ion Ratio Lower Upper  
82 100  
128 51.1 35.7 53.5  
54 45.8 35.0 52.4



#32  
Benzoic acid  
Concen: 6.907 ng  
RT: 10.075 min Scan# 1188  
Delta R.T. 0.012 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Tgt Ion: 122 Resp: 40  
Ion Ratio Lower Upper  
122 100  
105 178.6 103.2 143.2#  
77 239.3 76.2 116.2#

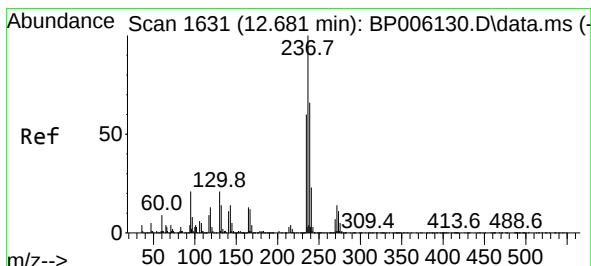
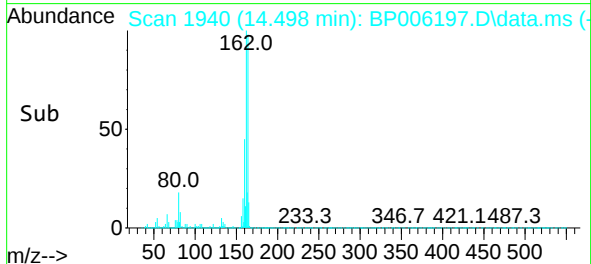
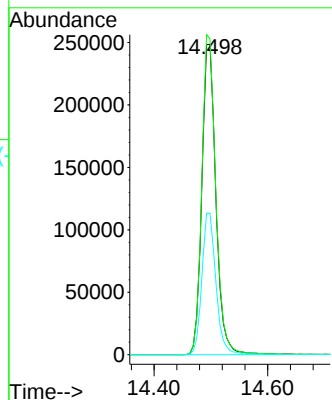
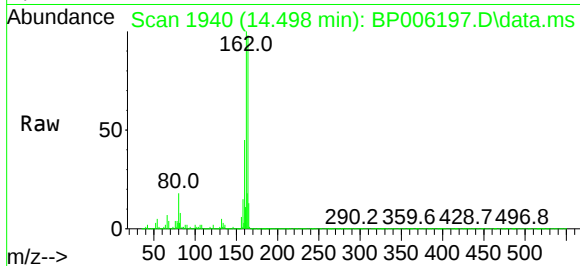




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.498 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

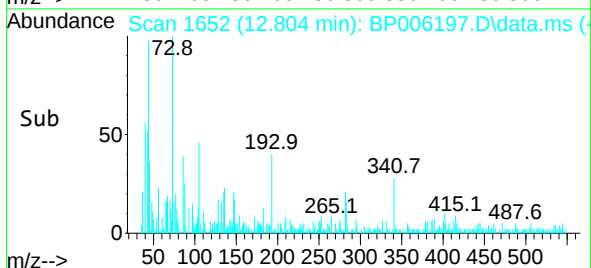
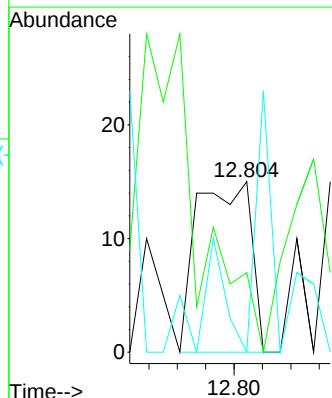
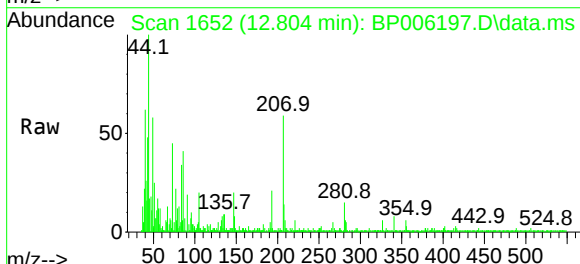
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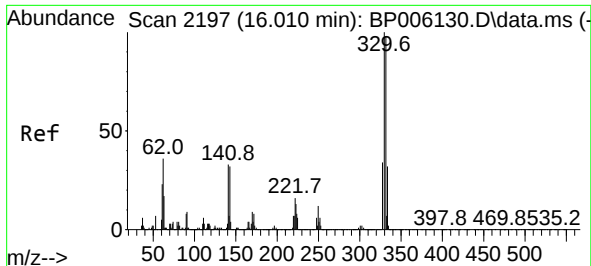
Tgt Ion:164 Resp: 428432  
Ion Ratio Lower Upper  
164 100  
162 101.8 80.2 120.2  
160 45.6 34.5 51.7



#41  
Hexachlorocyclopentadiene  
Concen: 8.711 ng  
RT: 12.804 min Scan# 1652  
Delta R.T. 0.136 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Tgt Ion:237 Resp: 20  
Ion Ratio Lower Upper  
237 100  
235 46.7 44.5 84.5  
272 0.0 0.0 32.5

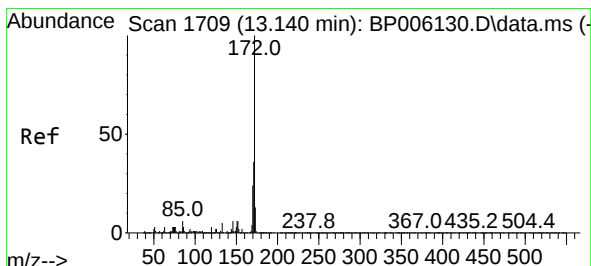
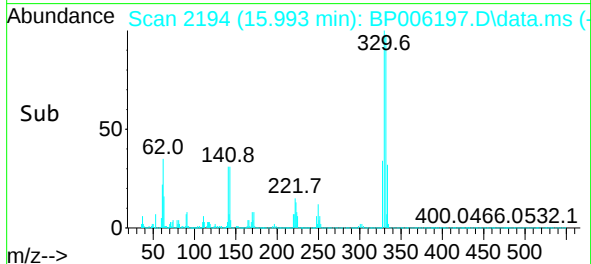
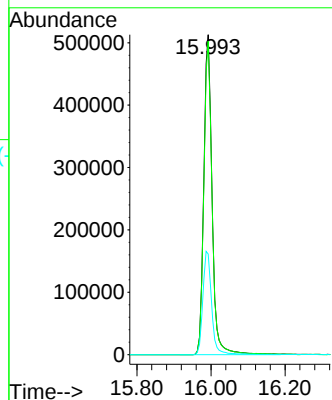
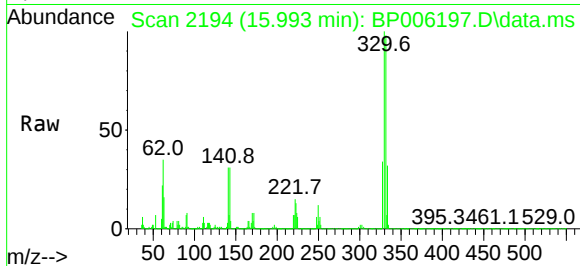




#42  
2,4,6-Tribromophenol  
Concen: 156.398 ng  
RT: 15.993 min Scan# 2194  
Delta R.T. -0.005 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

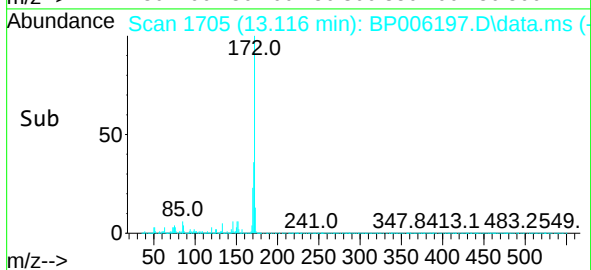
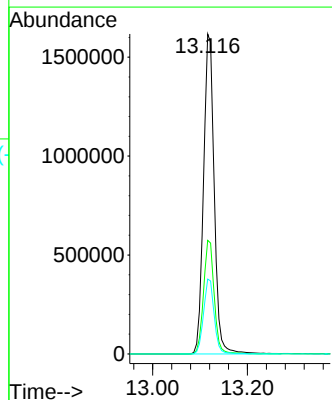
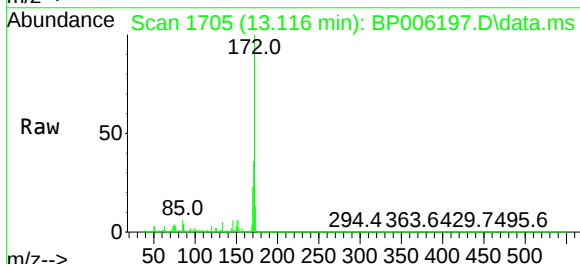
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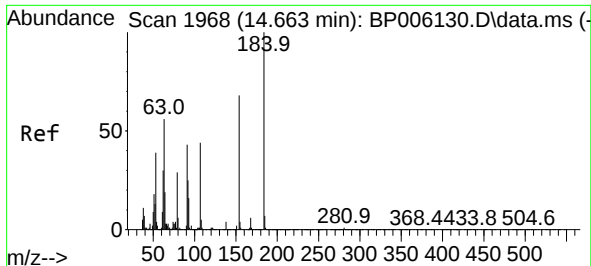
Tgt Ion: 330 Resp: 797750  
Ion Ratio Lower Upper  
330 100  
332 97.7 77.8 116.8  
141 33.7 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 87.355 ng  
RT: 13.116 min Scan# 1705  
Delta R.T. -0.005 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Tgt Ion: 172 Resp: 2531595  
Ion Ratio Lower Upper  
172 100  
171 35.5 27.9 41.9  
170 23.4 18.6 27.8

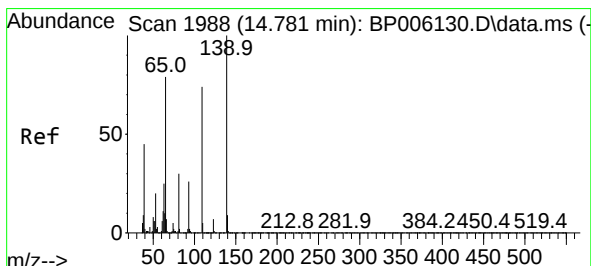
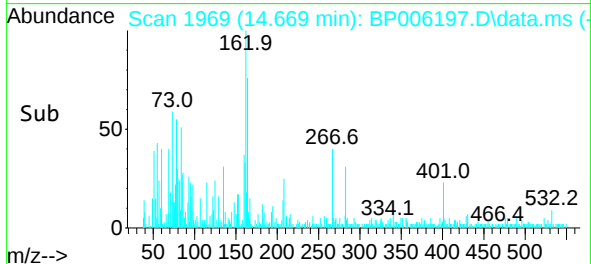
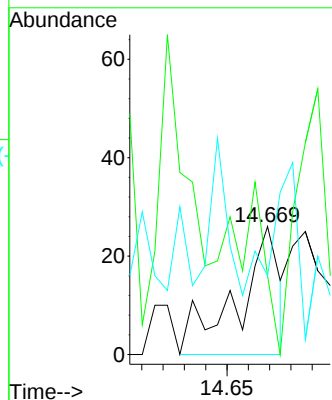
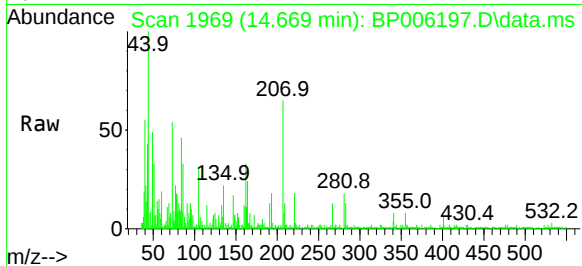




#54  
2,4-Dinitrophenol  
Concen: 8.888 ng  
RT: 14.669 min Scan# 1969  
Delta R.T. 0.012 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

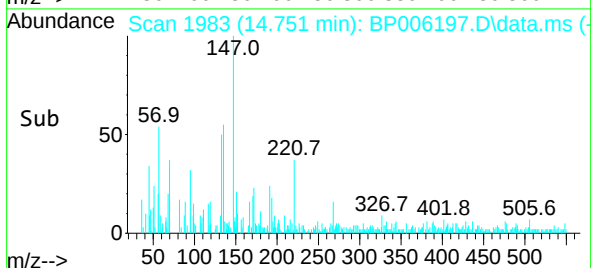
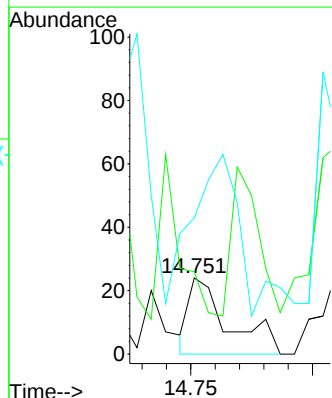
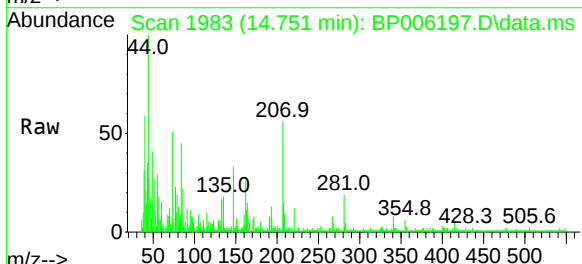
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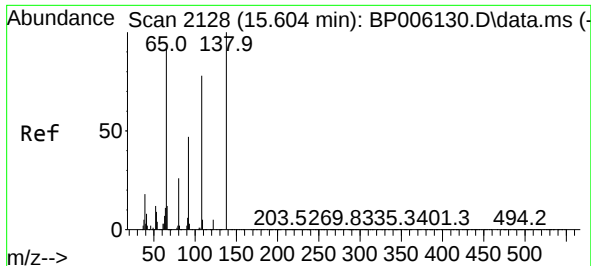
Tgt Ion:184 Resp: 35  
Ion Ratio Lower Upper  
184 100  
63 61.5 47.0 70.6  
154 134.6 52.3 78.5#



#56  
4-Nitrophenol  
Concen: 7.129 ng  
RT: 14.751 min Scan# 1983  
Delta R.T. -0.017 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Tgt Ion:139 Resp: 27  
Ion Ratio Lower Upper  
139 100  
109 95.0 72.3 112.3  
65 107.5 72.5 112.5

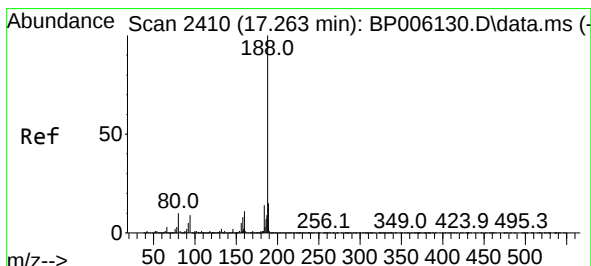
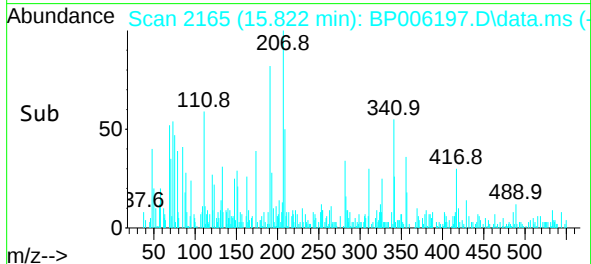
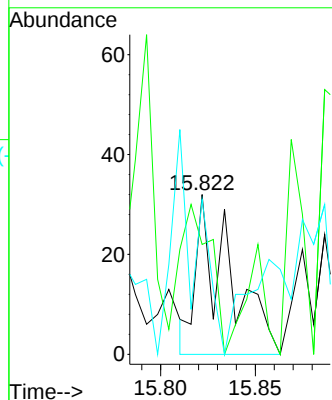
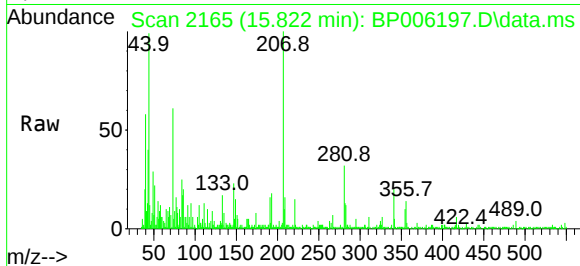




#62  
4-Nitroaniline  
Concen: 2.964 ng  
RT: 15.822 min Scan# 2165  
Delta R.T. 0.230 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

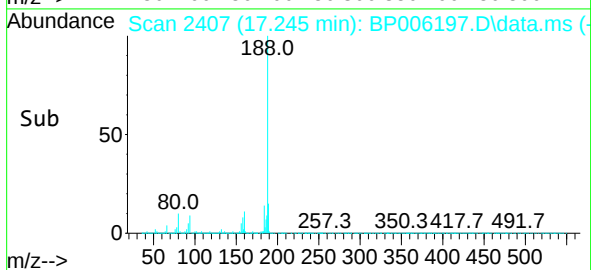
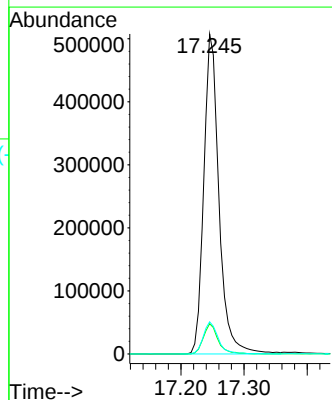
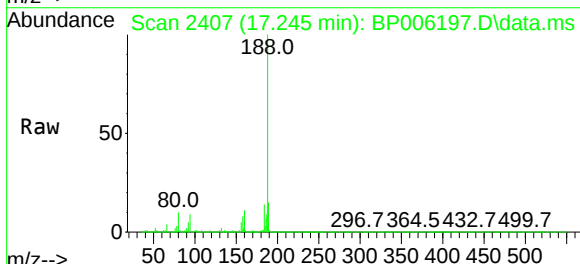
Instrument :  
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ClientSampleId :  
PB137618BL

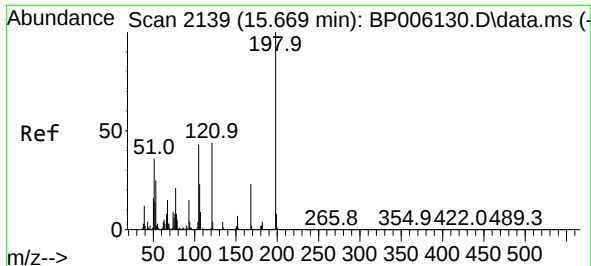
Tgt Ion:138 Resp: 39  
Ion Ratio Lower Upper  
138 100  
92 68.8 31.2 71.2  
108 96.9 78.6 118.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.245 min Scan# 2407  
Delta R.T. -0.005 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Tgt Ion:188 Resp: 847918  
Ion Ratio Lower Upper  
188 100  
94 9.5 5.6 8.4#  
80 10.1 6.3 9.5#

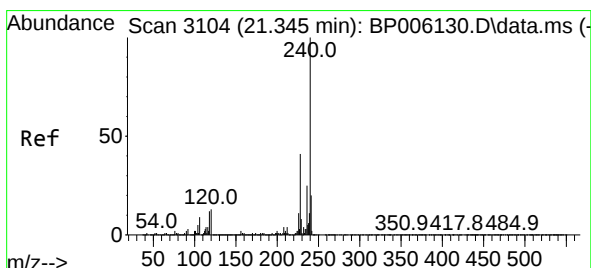
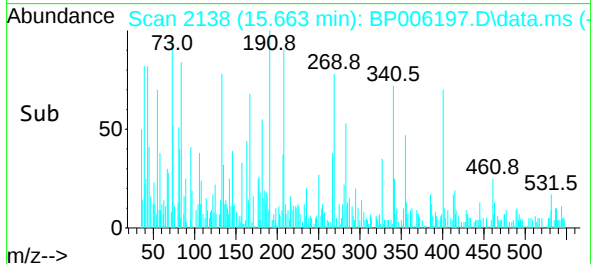
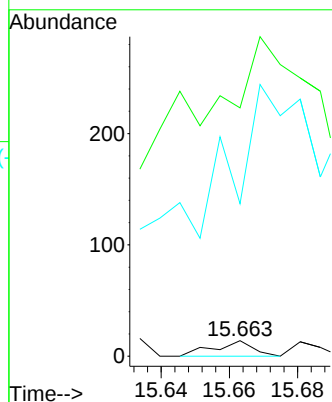
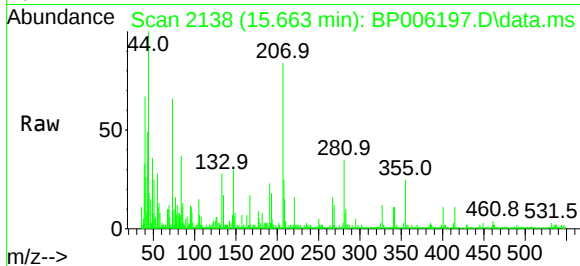




#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.421 ng  
RT: 15.663 min Scan# 2138  
Delta R.T. 0.006 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

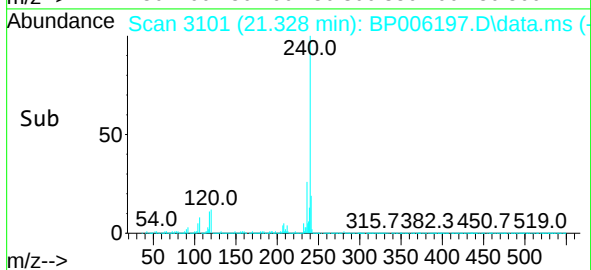
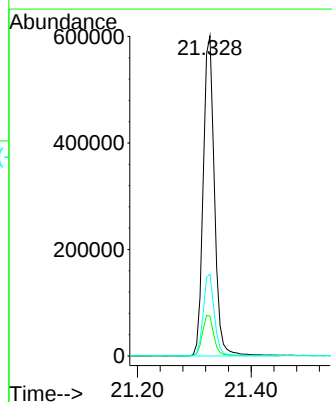
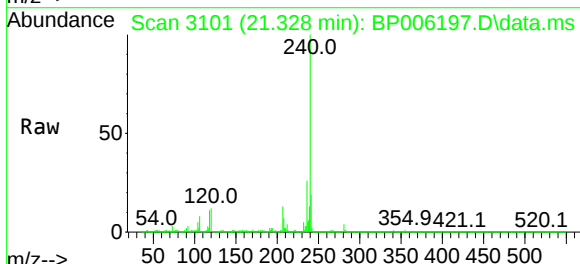
Instrument :  
BNA\_P  
ClientSampleId :  
PB137618BL

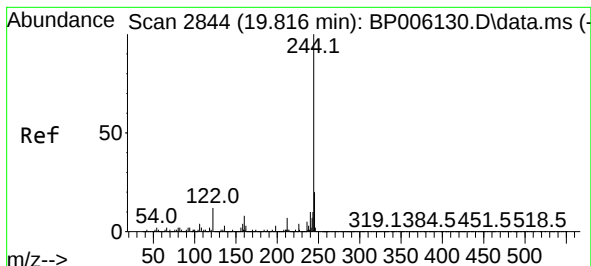
Tgt Ion:198 Resp: 11  
Ion Ratio Lower Upper  
198 100  
51 1907.1 14.0 54.0#  
105 978.6 19.5 59.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.328 min Scan# 3101  
Delta R.T. 0.001 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Tgt Ion:240 Resp: 823624  
Ion Ratio Lower Upper  
240 100  
120 12.5 6.5 9.7#  
236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 95.994 ng

RT: 19.798 min Scan# 2841

Delta R.T. -0.005 min

Lab File: BP006197.D

Acq: 13 Jul 2021 12:55

Instrument :

BNA\_P

ClientSampleId :

PB137618BL

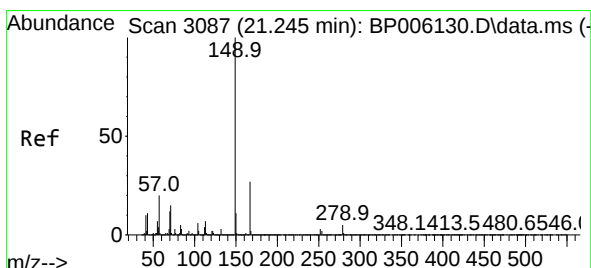
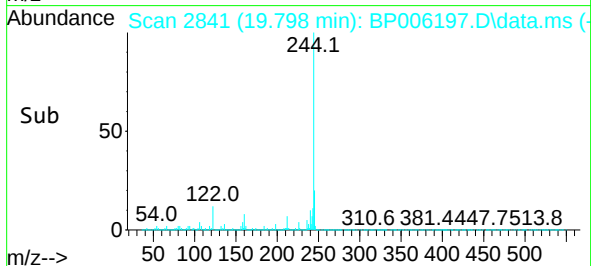
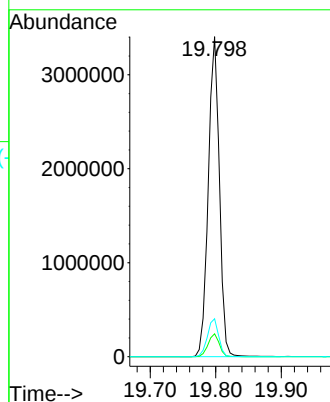
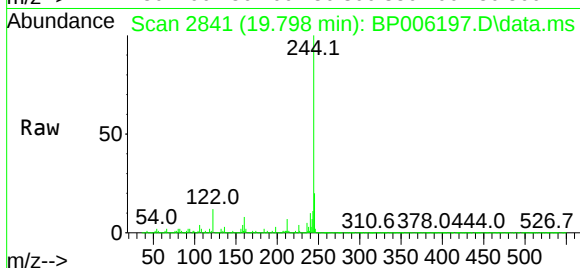
Tgt Ion:244 Resp: 4010038

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 11.9 7.1 10.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 14.349 ng

RT: 21.098 min Scan# 3062

Delta R.T. -0.129 min

Lab File: BP006197.D

Acq: 13 Jul 2021 12:55

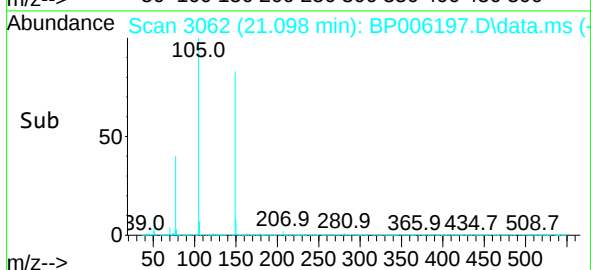
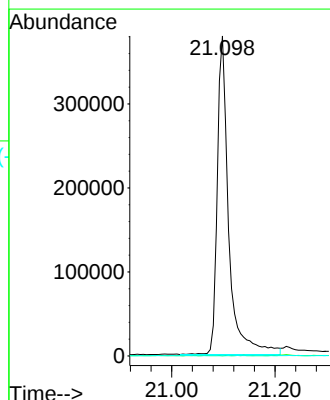
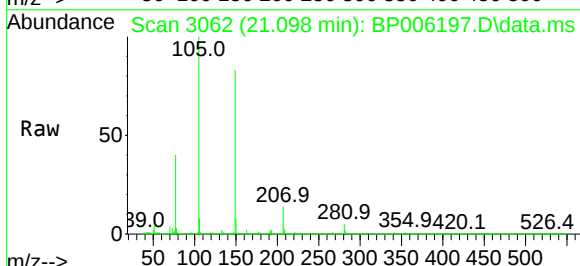
Tgt Ion:149 Resp: 584807

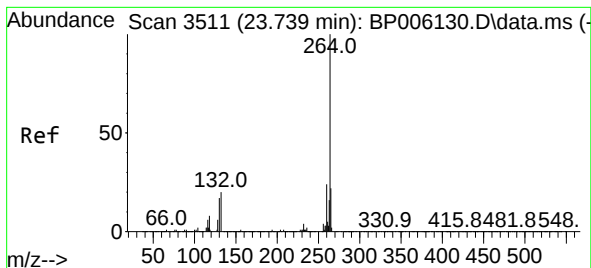
Ion Ratio Lower Upper

149 100

167 0.1 21.9 32.9#

279 0.1 4.3 6.5#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.710 min Scan# 3506  
 Delta R.T. -0.005 min  
 Lab File: BP006197.D  
 Acq: 13 Jul 2021 12:55

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB137618BL

Tgt Ion:264 Resp: 999798  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.6 28.0  
 265 22.5 17.6 26.4

